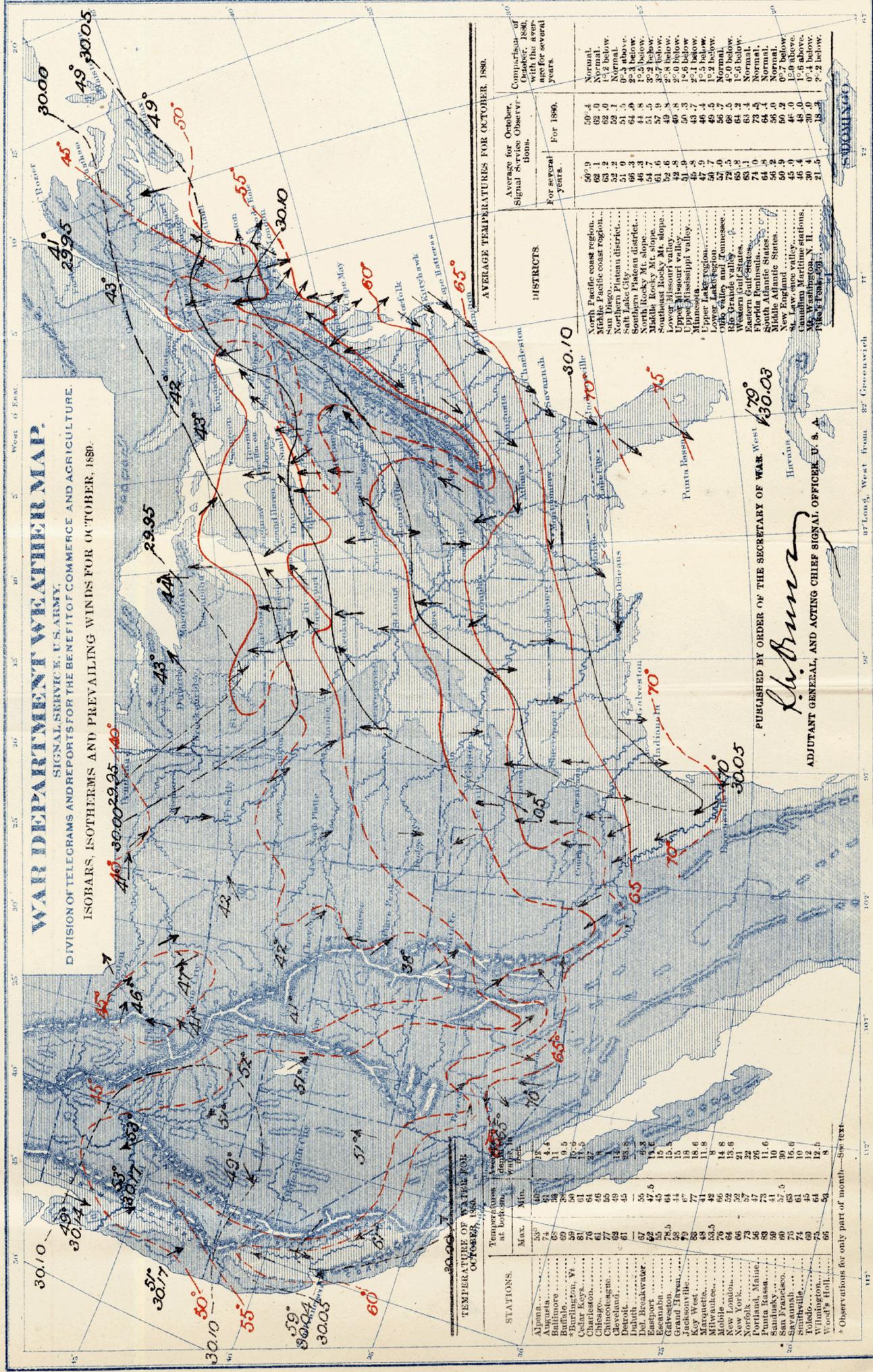


WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE U. S. ARMY.
DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.
ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR OCTOBER, 1880.



TEMPERATURE OF WATER FOR OCTOBER, 1880.

STATIONS.	Temperature in water in feet.		Average depth in feet.
	Max.	Min.	
Albany.....	58°	49°	53.5
Augusta.....	74	61	67.5
Baltimore.....	68	58	63
Buffalo.....	69	58	63.5
Burlington, Vt.....	59	49	54
Charleston.....	61	51	56
Chicago.....	76	64	70
Chicot.....	61	46	53.5
Chicot.....	77	55	66
Cleveland.....	63	49	56
Detroit.....	61	45	53
Delaware.....	67	55	61
Delaware.....	62	47.5	54.75
Eastport.....	55	45	50
Essex.....	58.5	44	51.25
Gateshead.....	73	61	67
Greenland.....	79	67	73
Hartford.....	67	57	62
Keosauqua.....	83	77	80
Marquette.....	48	41	44.5
Milwaukee.....	58.5	42	50.25
Mobile.....	70	59	64.5
Monroe.....	66	52	59
New York.....	73	57	65
Norfolk.....	73	57	65
Portland, Maine.....	56	47	51.5
Punta Rasa.....	83	71	77
San Francisco.....	88	71	79.5
Savannah.....	80	57.5	68.75
St. Louis.....	73	63	68
St. Paul.....	74	61	67.5
Toledo.....	69	45	57
Washington.....	63	41	52
Wood's Hole.....	65	53	59

AVERAGE TEMPERATURES FOR OCTOBER, 1880.

DISTRICTS.	Average for October, Signal Service Observations.		Comparison with the average for several years.
	For 1880.	For 1880.	
North Pacific coast region.....	59.9	59.4	Normal.
North Pacific coast region.....	63.1	62.0	1.1 below.
San Diego.....	62.2	62.0	Normal.
Northern Plateau district.....	52.5	52.1	Normal.
San Francisco.....	64.9	64.8	Normal.
Salt Lake City.....	66.3	64.8	1.5 below.
Southern Rocky Mts. slope.....	46.3	44.8	1.5 below.
Middle Rocky Mts. slope.....	54.7	51.5	3.2 below.
Southeast Rocky Mts. slope.....	61.6	57.9	3.7 below.
Lower Missouri valley.....	49.8	48.8	1.0 below.
Upper Missouri valley.....	52.8	48.8	4.0 below.
Upper Mississippi valley.....	51.9	50.3	1.6 below.
Minnesota.....	46.8	43.7	3.1 below.
Upper Lake region.....	47.9	46.4	1.5 below.
Lower Lake region.....	49.7	49.5	Normal.
Ohio valley and Tennessee.....	72.5	68.7	3.8 below.
Western Valley.....	65.3	64.2	1.1 below.
Eastern Gulf States.....	65.1	63.4	1.7 below.
Florida Peninsula.....	74.0	73.4	Normal.
South Atlantic States.....	64.8	64.4	Normal.
Middle Atlantic States.....	66.6	66.2	Normal.
Severn River valley.....	50.9	50.9	Normal.
St. Lawrence valley.....	45.0	44.0	1.0 above.
Canadian Maritime stations.....	46.4	44.0	2.4 above.
W. Washington, N. H.....	30.4	30.4	Normal.
Pike's Peak, Col.....	21.5	18.3	3.2 below.

PUBLISHED BY ORDER OF THE SECRETARY OF WAR
Richard
ADJUTANT GENERAL, AND ACTING CHIEF SIGNAL OFFICER U. S. A.

* Observations for only part of month—See text.